

New Jersey Drug and Alcohol
Abuse Treatment

**Substance Abuse Overview
2003
Cumberland County**

New Jersey Department of Human Services

Prepared by:
Division of Addiction Services
Management Information Systems
Trenton, New Jersey

James E. McGreevey
Governor

James M. Davy
Commissioner

July 2004



State of New Jersey
DEPARTMENT OF HUMAN SERVICES
DIVISION OF ADDICTION SERVICES
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JAMES E. MCGREEVEY
Governor

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James M. Davy
Commissioner

July 2004

Dear Colleague:

This ***Substance Abuse Overview*** provides statistics and social indicators related to substance abuse and substance abuse treatment in your county. In 2003 there were more than 53,000 treatment admissions reported to the New Jersey Department of Human Services. These reports were submitted on the paper forms of the Drug Abuse Data System (ADADS) and the web-based NJ Substance Abuse Monitoring System (NJ-SAMS) which began operations in October, 2002. NJ-SAMS

The Overview includes:

- State Totals for Substance Abuse Treatment Admissions for 2003.
- County Totals for Substance Abuse Treatment Admissions for 2003.
- Selected Social and Health Indicators for Your County.
- County Share of Substance Abuse Admissions by Primary Drug.
- Distribution of Substance Abuse Admissions by Primary Drug within County.
- Substance Abuse Admissions by Municipality and Primary Drug
- Treatment Admissions by Municipality of Residence, Primary Drug and Age.
- Estimated Number of People in Need of Treatment by County and Drug Type.

Dr. Abate Mammo prepared the need for treatment estimates and Dr. Yohannes Hailu compiled the social and health indicators.

If you have any questions about the data or participation in NJ-SAMS you may contact the Management Information Systems Unit by email at charles.crowley@doh.state.nj.us or by telephone at (609) 633-2175.

Sincerely,

Charles J. Crowley
Coordinator,
Systems Analysis & Development

New Jersey Alcohol and Drug Abuse Data System

Substance Abuse Treatment Admissions

State Totals

Admissions: 1/1/2003 - 12/31/2003

Primary Drug

Alcohol	14,900	28%
Heroin	26,224	49%
Intravenous	10,182	19%
Cocaine	5,477	10%
Smoked	3,511	7%
Marijuana	5,964	11%
Other Drugs	969	2%

Treatment Setting

Couns/Coord-I/R	13	0%
Hosp Detox/IMU	9,863	18%
Residential Detox	4,721	9%
Short-Term Residential	5,462	10%
Therapeutic Community	3,502	6%
Extended Care/Halfway House	1,156	2%
Outpatient Care	12,255	23%
Outpatient Methadone Maint.	6,097	11%
Intensive Outpatient	7,253	13%
Outpatient Detox	3,505	7%

Sex

Male	37,395	69%
Female	16,472	31%

Race/Ethnicity

White	27,722	51%
Black	16,728	31%
Hispanic	7,478	14%
Other	745	1%
Not Assessed	1,226	2%

Age at Admission

Under 18	2,642	5%
18-20	3,253	6%
21-24	6,057	11%
25-29	6,306	12%
30-34	7,911	15%
35-44	17,945	33%
45-54	8,068	15%
55 and over	1,689	3%
Unknown	18	0%

Employment Status

Unemployed/Not in Labor Force	35,835	66%
Employed Full/Part Time	14,399	27%
Not Assessed	3,634	7%

Health Insurance at Admission*

No Insurance	32,402	60%
Public Insurance	8,330	15%
Private Insurance	8,413	16%
Other/Unknown	4,945	9%

Month of Admission

January	4,874	9%	May	4,564	8%
February	4,011	7%	June	4,493	8%
March	4,802	9%	July	4,897	9%
April	4,610	9%	August	4,496	8%

Legal Problem*

None	28,705	53%
Probation/Parole	13,858	26%
DWI License Susp.	3,012	6%
Other	10,993	20%

Referral Source

Self-referral	22,115	41%
Family/Friend	3,997	7%
Social Agency	14,397	27%
Criminal Justice	10,786	20%
IDRC	2,070	4%

Any Prior Treatment

34,446	64%
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Methadone Planned in Treatment

10,756	20%
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Smoke Tobacco (Yes)

40,922	76%
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Clients Treated in Their County of Residence

30,644	57%
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Completed High School

31,893	59%
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Not Assessed

3,589	7%
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County of Residence

Atlantic	2,195	4%
Bergen	3,280	6%
Burlington	1,309	2%
Camden	3,542	7%
Cape May	925	2%
Cumberland	1,416	3%
Essex	8,940	17%
Gloucester	1,503	3%
Hudson	4,133	8%
Hunterdon	725	1%
Mercer	1,827	3%
Middlesex	2,977	6%
Monmouth	3,981	7%
Morris	2,038	4%
Ocean	3,079	6%
Passaic	3,468	6%
Salem	482	1%
Somerset	1,136	2%
Sussex	753	1%
Union	3,838	7%
Warren	810	2%
Other	1,332	2%

Total Admissions = 53,908

*Totals greater than 100% because of multiple responses.

**New Jersey Alcohol and Drug Abuse Data System
Substance Abuse Treatment Admissions
1/1/2003 - 12/31/2003**

Cumberland
County Code 06

Primary Drug

Alcohol	631	45%
Heroin	328	23%
Intravenous Heroin	182	13%
Cocaine	190	13%
Smoked Cocaine	128	9%
Marijuana	245	17%
Other Drugs	22	2%

Treatment Setting

Couns/Coord-I/R	0	0%
Hosp Detox/IMU	57	4%
Residential Detox	136	10%
Short-Term Residential	196	14%
Therapeutic Community	103	7%
Extended Care/Halfway House	24	2%
Outpatient Care	346	24%
Outpatient Methadone Maint.	74	5%
Intensive Outpatient	478	34%
Outpatient Detox	1	0%

Sex

Male	1,076	76%
Female	340	24%

Race/Ethnicity

White	615	43%
Black	402	28%
Hispanic	302	21%
Other	29	2%
Not Assessed	67	5%

Age at Admission

Under 18	114	8%
18-20	91	6%
21-24	191	13%
25-29	215	15%
30-34	207	15%
35-44	388	27%
45-54	170	12%
55 and over	39	3%

Employment Status

Unemployed/Not in Labor Force	822	58%
Employed Full/Part Time	442	31%
Not Assessed	151	11%

Legal Problem*

None	510	36%
Probation/Parole	551	39%
DWI License Susp.	90	6%
Other	340	24%

Referral Source

Self-referral	301	21%
Family/Friend	48	3%
Social Agency	391	28%
Criminal Justice	563	40%
IDRC	106	7%

Any Prior Treatment

707	50%
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Smoke Tobacco (Yes)

1,069	75%
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Completed High School

Not Assessed	143	10%
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**Methadone Planned
in Treatment**

85	6%
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Health Insurance at Admission*

No Insurance	905	64%
Public Insurance	149	11%
Private Insurance	267	19%
Other/Unknown	96	7%

**Patients Treated in Their
County of Residence**

639	45%
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Month of Admission

January	140	10%
February	96	7%
March	133	9%
April	135	10%
May	113	8%
June	118	8%
July	120	8%
August	108	8%
September	129	9%
October	116	8%
November	100	7%
December	108	8%

Total Admissions = 1,416

**Totals greater than 100% because of multiple responses.*

Cumberland County: Selected Social and Health Indicators			
General Risk Factors by Domain	State	County	County/State Ratio
Community Environment:			
• Children below poverty (%), 1997	14.80	24.70	1.67
• Voter participation (%), 2000	70.00	61.00	0.87
• Violent crime rate / 1,000, 2000	3.80	7.20	1.89
Family Structure: Rates/1,000 population			
• Domestic violence rate, 2000	9.23	18.06	1.96
• Teenage birth rate, 1997	35.00	69.00	1.97
• Child abuse/neglect referrals rate, 1998	20.20	38.20	1.89
School Involvement:			
• Dropouts (% HS enrollment), 1994-95	4.20	7.10	1.69
• Adults not high school graduates (%), 1990	23.30	36.60	1.57
• Grade Eight Proficiency Assessment Index, 1999	0.755	0.711	0.94
Individual / Peer Behaviors: Under 18 years old (Rate / 1,000)			
• Juvenile drug arrest rate, 2000	3.87	3.92	1.01
• Juvenile DUI arrest rate, 2000	0.19	0.46	2.37
Other Health Indicators: Rate / 100,000 population			
• Drug abuse treatment admission rates, 2003	437.70	525.77	1.20
• Alcohol abuse treatment admission rates, 2003	167.96	422.62	2.52
• IDU risk AIDS case rates, 2001	119.00	107.00	0.90
• Cirrhosis of liver hospital admission rates	20.70	24.80	1.20
• Alcohol related mortality rates, 1998	5.20	**	**
• Drug related mortality rates, 1998	8.70	**	**
• Motor vehicle injury death rates, 1998	9.30	24.20	2.60
• Unintentional injury death rates, 1998	24.70	35.60	1.44
• Suicide rates, 1998	7.10	**	**
• Homicide rates, 1998	4.00	**	**
** Number is too small to calculate a reliable rate			

Age-adjusted Cancer Incidence by Gender, Cumberland County – 1986-1996 ¹				
	Male		Female	
	Cumberland	New Jersey	Cumberland	New Jersey
Lung Cancer Rate ²				
• White	95.9	83.0	46.3	43.9
• Black	174.4	114.8	44.4	42.5
Oral Cancer Rate ²				
• White	15.2	13.4	6.3	5.7
• Black	14.9	22.8	**	6.7
Bladder Cancer Rate ²				
• White	33.2	38.0	9.1	9.7
• Black	10.4	15.8	5.3	6.1
1 Incidence rates per 100,000 population, age adjusted to the 1970 population.				
2 Average annual rate				

Cumberland County

Alcohol, Tobacco, & Other Drug (ATOD) Use by New Jersey Middle School Students, 2001		
Annual Prevalence	New Jersey Percent	Cumberland Percent
• Cigarettes	12.3	16.7
• Alcohol	30.7	31.2
• Marijuana	4.7	8.0
• Inhalants	4.7	5.6
• Heroin	0.4	0.5
• Any Other Drugs	1.9	2.0

Risk Factor Scale Scores – Middle School Survey, 2001		
Selected Risk Factors by Domain	New Jersey	Cumberland
Community Domain:		
• Low Neighborhood Attachment	48	54
• Community Transitions and Mobility	51	44
• Perceived Availability of Drugs and Firearms	28	29
Family Domain:		
• Poor Family Supervision	46	47
• Parental Attitudes Favorable toward ATOD Use	40	41
School Domain:		
• Poor Academic Performance	51	56
• Low School Commitment	49	53
Peer – Individual Domain:		
• Friends' Use of Drugs	35	38
• Favorable Attitudes toward Antisocial Behavior	54	53
• Low Perceived Risk of Drug use	33	36

Protective Factor Scale Scores – Middle School Survey, 2001		
Selected Protective Factors by Domain	New Jersey	Cumberland
Community Domain:		
• Community Rewards for Pro-social Involvement	49	43
Family Domain:		
• Family Attachment	55	51
• Family Rewards for Pro-social Involvement	57	53
School Domain:		
• School Opportunities for Pro-social Involvement	54	52
• School Rewards for Pro-social Involvement	48	44
Peer – individual Domain		
• Social Skills	56	54
• Belief in the Moral Order	53	50

**County Share of Substance Abuse Admissions by County and Primary Drug,
2003 NJ Resident Admissions**

County of Residence	Primary Drug										County Total	
	Alcohol		Cocaine		Heroin		Marijuana		Others			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	641	4.4	160	3.0	1044	4.3	213	3.6	129	6.3	2187	4.2
Bergen	1327	9.1	426	7.9	1051	4.3	330	5.6	146	7.1	3280	6.3
Burlington	561	3.9	168	3.1	317	1.3	156	2.6	107	5.2	1309	2.5
Camden	1101	7.6	450	8.4	1344	5.5	380	6.4	264	12.9	3539	6.8
Cape May	416	2.9	73	1.4	188	0.8	178	3.0	69	3.4	924	1.8
Cumberland	631	4.3	190	3.5	308	1.3	245	4.2	42	2.0	1416	2.7
Essex	939	6.5	593	11.0	6665	27.2	626	10.6	111	5.4	8934	17.1
Gloucester	529	3.6	162	3.0	467	1.9	211	3.6	132	6.4	1501	2.9
Hudson	934	6.4	335	6.2	2282	9.3	418	7.1	164	8.0	4133	7.9
Hunterdon	369	2.5	59	1.1	151	0.6	120	2.0	26	1.3	725	1.4
Mercer	537	3.7	356	6.6	554	2.3	329	5.6	51	2.5	1827	3.5
Middlesex	748	5.2	279	5.2	1427	5.8	393	6.7	128	6.2	2975	5.7
Monmouth	1137	7.8	631	11.7	1472	6.0	572	9.7	163	7.9	3975	7.6
Morris	913	6.3	132	2.5	816	3.3	100	1.7	74	3.6	2035	3.9
Ocean	855	5.9	263	4.9	1468	6.0	327	5.5	166	8.1	3079	5.9
Passaic	731	5.0	394	7.3	1846	7.5	410	7.0	86	4.2	3467	6.6
Salem	199	1.4	66	1.2	96	0.4	105	1.8	15	0.7	481	0.9
Somerset	483	3.3	92	1.7	347	1.4	184	3.1	29	1.4	1135	2.2
Sussex	321	2.2	58	1.1	287	1.2	44	0.7	41	2.0	751	1.4
Union	804	5.5	419	7.8	2135	8.7	420	7.1	58	2.8	3836	7.3
Warren	333	2.3	73	1.4	219	0.9	133	2.3	52	2.5	810	1.5
Drug Total	14509	100.0	5379	100.0	24484	100.0	5894	100.0	2053	100.0	52319	100.0

***Distribution of Substance Abuse Admissions by Primary Drug within County,
2003 NJ Resident Admissions***

County of Residence	Primary Drug										County Total	
	Alcohol		Cocaine		Heroin		Marijuana		Others			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	641	29.3	160	7.3	1044	47.7	213	9.7	129	5.9	2187	100.0
Bergen	1327	40.5	426	13.0	1051	32.0	330	10.1	146	4.5	3280	100.0
Burlington	561	42.9	168	12.8	317	24.2	156	11.9	107	8.2	1309	100.0
Camden	1101	31.1	450	12.7	1344	38.0	380	10.7	264	7.5	3539	100.0
Cape May	416	45.0	73	7.9	188	20.3	178	19.3	69	7.5	924	100.0
Cumberland	631	44.6	190	13.4	308	21.8	245	17.3	42	3.0	1416	100.0
Essex	939	10.5	593	6.6	6665	74.6	626	7.0	111	1.2	8934	100.0
Gloucester	529	35.2	162	10.8	467	31.1	211	14.1	132	8.8	1501	100.0
Hudson	934	22.6	335	8.1	2282	55.2	418	10.1	164	4.0	4133	100.0
Hunterdon	369	50.9	59	8.1	151	20.8	120	16.6	26	3.6	725	100.0
Mercer	537	29.4	356	19.5	554	30.3	329	18.0	51	2.8	1827	100.0
Middlesex	748	25.1	279	9.4	1427	48.0	393	13.2	128	4.3	2975	100.0
Monmouth	1137	28.6	631	15.9	1472	37.0	572	14.4	163	4.1	3975	100.0
Morris	913	44.9	132	6.5	816	40.1	100	4.9	74	3.6	2035	100.0
Ocean	855	27.8	263	8.5	1468	47.7	327	10.6	166	5.4	3079	100.0
Passaic	731	21.1	394	11.4	1846	53.2	410	11.8	86	2.5	3467	100.0
Salem	199	41.4	66	13.7	96	20.0	105	21.8	15	3.1	481	100.0
Somerset	483	42.6	92	8.1	347	30.6	184	16.2	29	2.6	1135	100.0
Sussex	321	42.7	58	7.7	287	38.2	44	5.9	41	5.5	751	100.0
Union	804	21.0	419	10.9	2135	55.7	420	10.9	58	1.5	3836	100.0
Warren	333	41.1	73	9.0	219	27.0	133	16.4	52	6.4	810	100.0
State Total	14509	27.7	5379	10.3	24484	46.8	5894	11.3	2053	3.9	52319	100.0

Substance Abuse Admissions by Municipality and Primary Drug

January 1, 2003 to December 31, 2003

County Cumberland

Municipality	Primary Drug										County Total	
	Alcohol		Cocaine		Heroin		Marijuana		Others			
	N	%	N	%	N	%	N	%	N	%	N	%
Bridgeton City	178	46.8	49	12.9	50	13.2	91	23.9	12	3.2	380	100.0
Commercial Twp	8	33.3	7	29.2	4	16.7	5	20.8			24	100.0
Deerfield Twp	5	41.7	5	41.7			1	8.3	1	8.3	12	100.0
Downe Twp	1	10.0			7	70.0	1	10.0	1	10.0	10	100.0
Greenwich Twp	1	16.7			3	50.0			2	33.3	6	100.0
Hopewell Twp	1	33.3					2	66.7			3	100.0
Lawrence Twp	3	60.0			1	20.0	1	20.0			5	100.0
Maurice River Twp	11	45.8	3	12.5	3	12.5	7	29.2			24	100.0
Millville City	149	46.0	43	13.3	54	16.7	72	22.2	6	1.9	324	100.0
Shiloh Boro	3	75.0							1	25.0	4	100.0
Stow Creek Twp	1	50.0			1	50.0					2	100.0
Upper Deerfield Twp	19	46.3	1	2.4	10	24.4	5	12.2	6	14.6	41	100.0
Vineland City	247	43.6	78	13.8	170	30.0	58	10.2	13	2.3	566	100.0
Not Stated	4	26.7	4	26.7	5	33.3	2	13.3			15	100.0
County Total	631	44.6	190	13.4	308	21.8	245	17.3	42	3.0	1416	100.0

Treatment Admissions by Municipality of Residence, Primary Drug and Age, 2003

Cumberland	Alcohol						Drugs						Total					
	18+		Under 18		Total		18+		Under 18		Total		18+		Under 18		Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Bridgeton City	175	98.9	2	1.1	177	100.0	182	91.0	18	9.0	200	100.0	357	94.7	20	5.3	377	100.0
Commercial Twp	8	100.0			8	100.0	15	93.8	1	6.3	16	100.0	23	95.8	1	4.2	24	100.0
Deerfield Twp	5	100.0			5	100.0	7	100.0			7	100.0	12	100.0			12	100.0
Downe Twp	1	100.0			1	100.0	9	100.0			9	100.0	10	100.0			10	100.0
Greenwich Twp	1	100.0			1	100.0	5	100.0			5	100.0	6	100.0			6	100.0
Hopewell Twp	1	100.0			1	100.0			2	100.0	2	100.0	1	33.3	2	66.7	3	100.0
Lawrence Twp	3	100.0			3	100.0	2	100.0			2	100.0	5	100.0			5	100.0
Maurice River Twp	11	100.0			11	100.0	10	76.9	3	23.1	13	100.0	21	87.5	3	12.5	24	100.0
Millville City	133	89.9	15	10.1	148	100.0	140	80.5	34	19.5	174	100.0	273	84.8	49	15.2	322	100.0
Shiloh Boro	3	100.0			3	100.0	1	100.0			1	100.0	4	100.0			4	100.0
Stow Creek Twp	1	100.0			1	100.0	1	100.0			1	100.0	2	100.0			2	100.0
Upper Deerfield Twp	19	100.0			19	100.0	20	90.9	2	9.1	22	100.0	39	95.1	2	4.9	41	100.0
Vineland City	230	93.1	17	6.9	247	100.0	303	95.3	15	4.7	318	100.0	533	94.3	32	5.7	565	100.0
Not Stated	4	100.0			4	100.0	11	100.0			11	100.0	15	100.0			15	100.0
Total	595	94.6	34	5.4	629	100.0	706	90.4	75	9.6	781	100.0	1301	92.3	109	7.7	1410	100.0

**Estimated Number of People in Need of Treatment by County and Drug Type
(1998 estimates)**

County	Lifetime Need for Alcohol Treatment	Current Need for Heroin Treatment	Current Need for Cocaine Treatment	Need for Other Illicit Drug Treatment	Combined Current Need for Illicit Drug Treatment	Combined Need for Alcohol and Illicit Drug Treatment
Atlantic	13,416	3,624	4,792	5,070	13,486	26,902
Bergen	65,230	4,511	5,479	4,426	14,416	79,646
Burlington	10,640	1,846	4,420	4,437	10,703	21,343
Camden	33,167	6,530	8,109	5,225	19,864	53,031
Cape May	6,640	830	1,174	1,895	3,899	10,539
Cumberland	9,700	1,012	2,506	1,554	5,072	14,772
Essex	26,637	22,750	10,427	6,968	40,145	66,782
Gloucester	9,253	1,648	3,050	2,204	6,902	16,155
Hudson	33,652	8,703	7,749	5,662	22,114	55,766
Hunterdon	5,026	656	641	1,362	2,659	7,685
Mercer	25,175	2,204	7,081	3,878	13,163	38,338
Middlesex	41,194	6,289	6,181	4,231	16,701	57,895
Monmouth	37,528	3,796	9,174	7,399	20,369	57,897
Morris	20,377	2,656	2,282	1,799	6,737	27,114
Ocean	39,622	2,955	3,746	4,130	10,831	50,453
Passaic	21,036	6,102	6,182	4,593	16,877	37,913
Salem	4,470	186	1,316	663	2,165	6,635
Somerset	13,759	1,356	1,961	1,873	5,190	18,949
Sussex	10,500	573	702	1,709	2,984	13,484
Union	17,369	7,714	5,487	3,668	16,869	34,238
Warren	8,827	412	1,282	889	2,583	11,410
Total	453,218	86,353	93,741	73,635	253,729	706,947

Estimates of lifetime need for alcohol treatment based on data from the New Jersey 1998 Telephone Household Survey.

Estimates of current need for illicit drug treatment based on capture-recapture analysis of data from the Alcohol and Drug Abuse Data System (ADADS): 1996-1998.